

Fig. 1

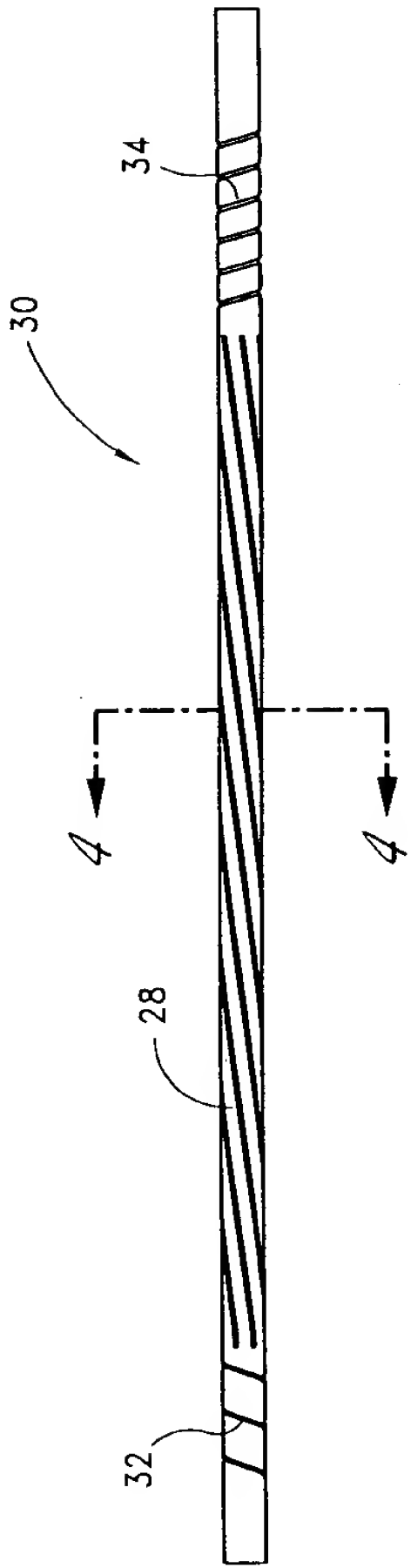


Fig. 2

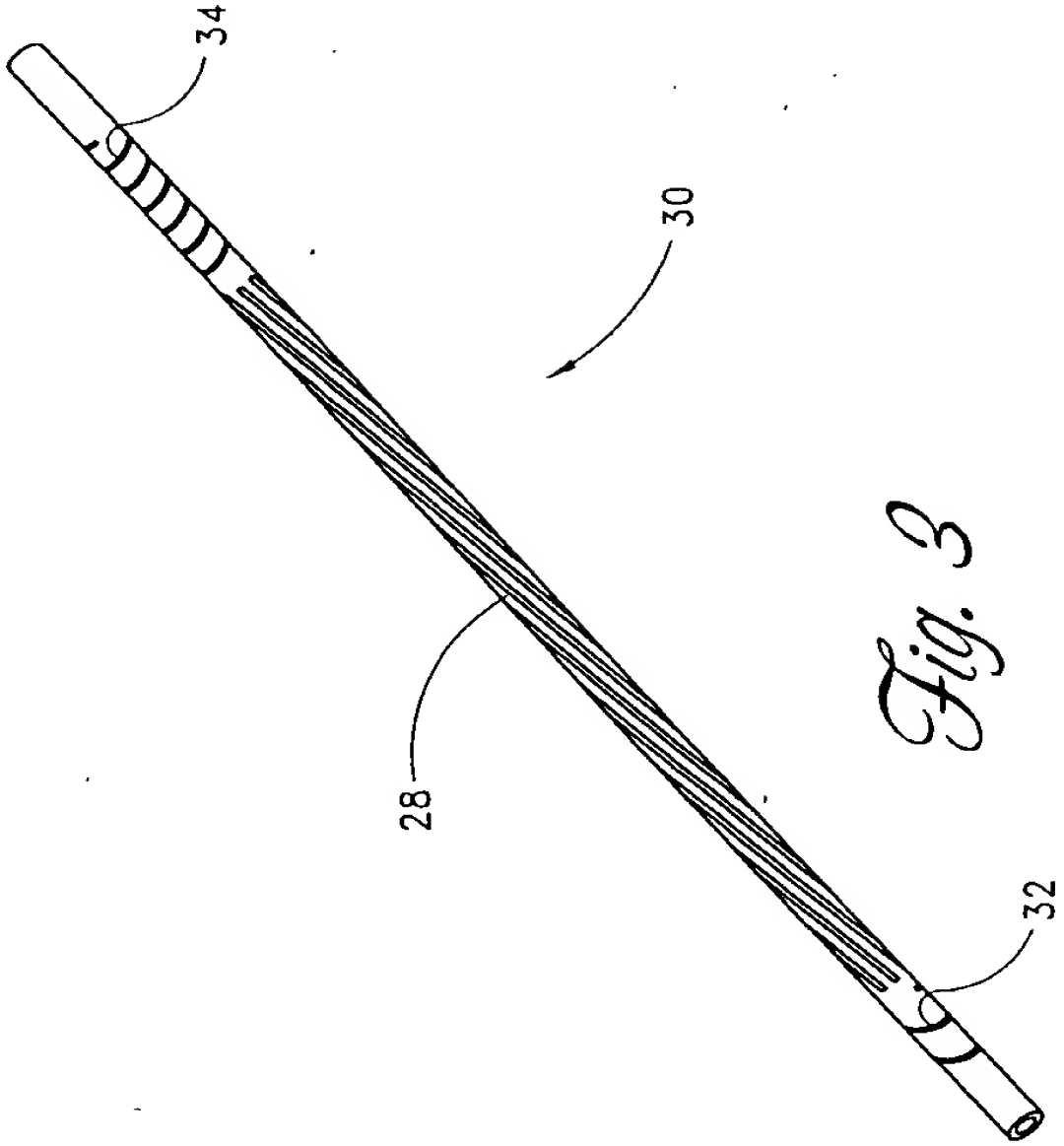


Fig. 3

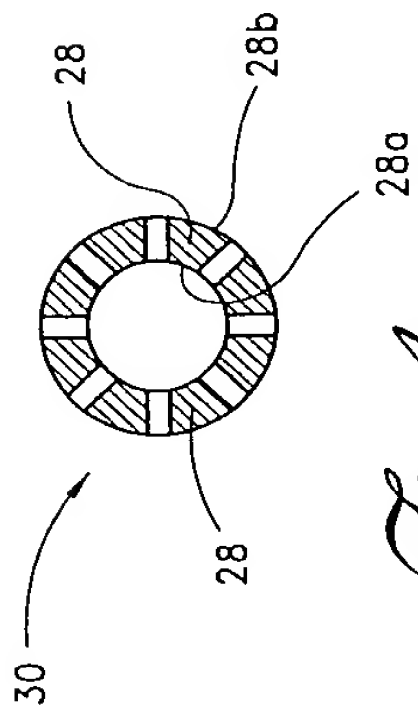


Fig. 4

FIG. 5 is a perspective view of the device 24 in a retracted position. The device 24 includes a handle 40, a shaft 42, and a tip 44. The handle 40 is connected to the shaft 42, and the shaft 42 is connected to the tip 44. The tip 44 is shown in a retracted position, where it is folded back towards the handle 40. The device 24 is shown in a perspective view, with the handle 40, shaft 42, and tip 44 all visible. The device 24 is shown in a retracted position, where the tip 44 is folded back towards the handle 40. The device 24 is shown in a perspective view, with the handle 40, shaft 42, and tip 44 all visible.

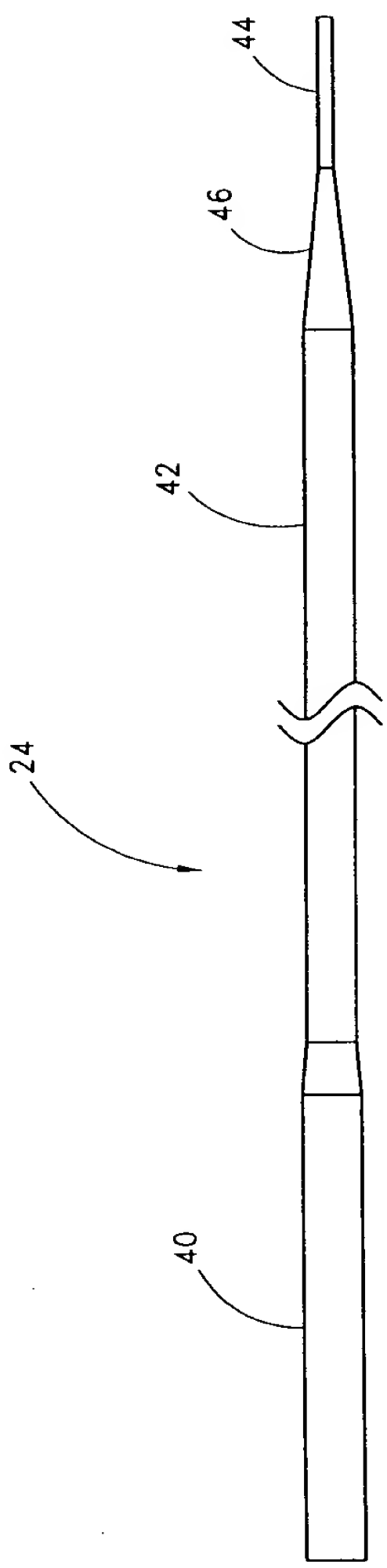
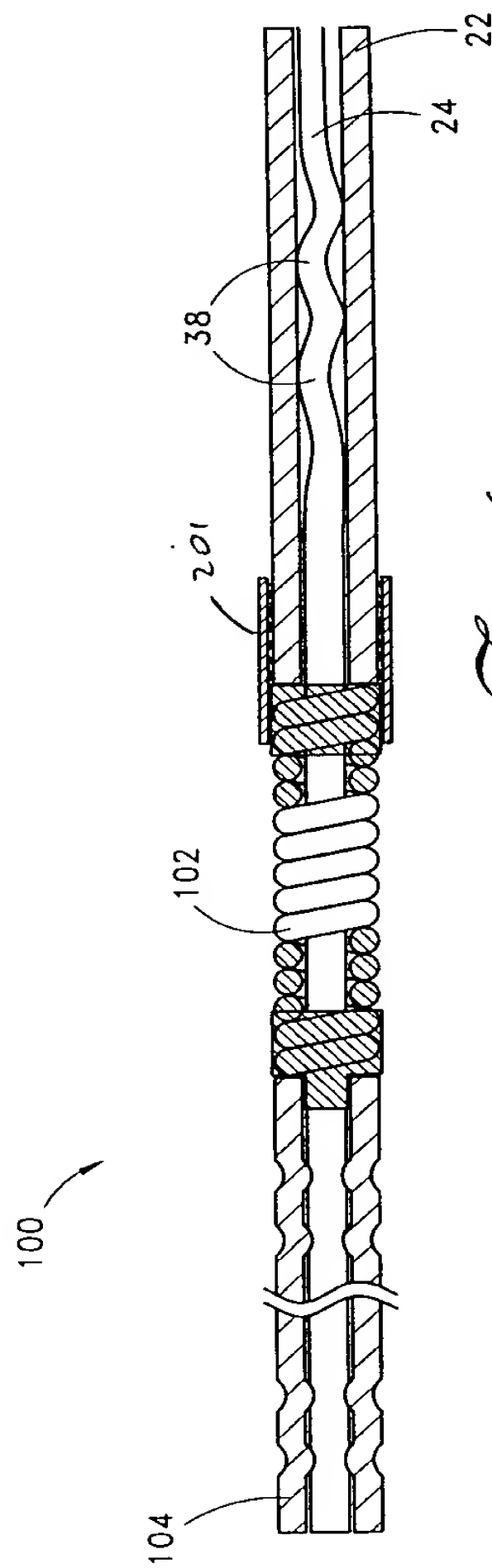
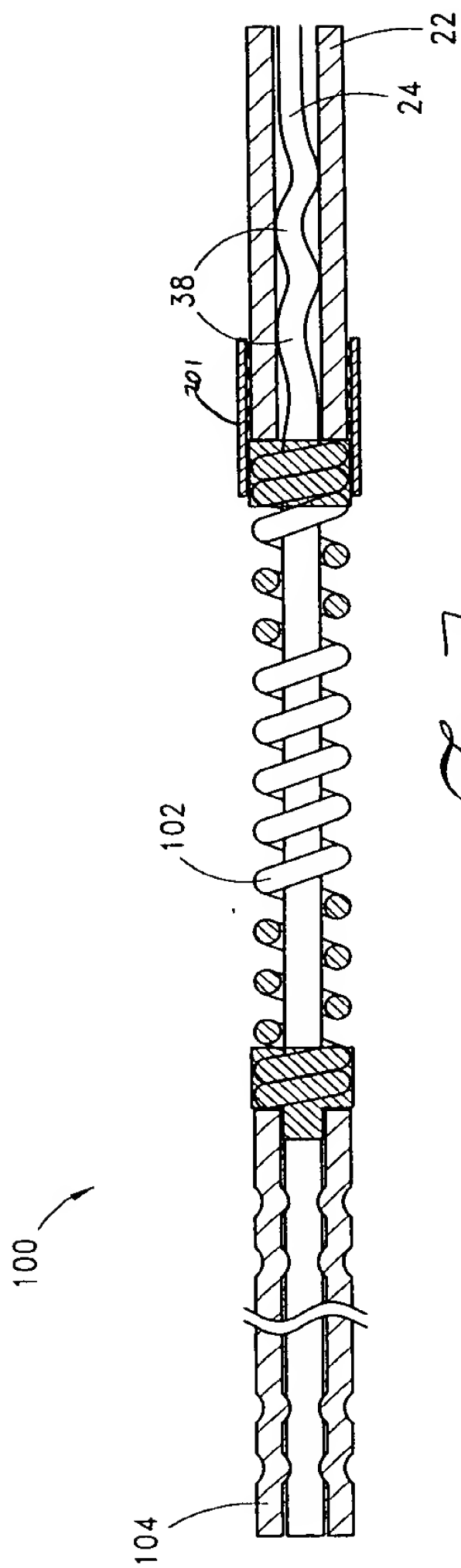


Fig. 5



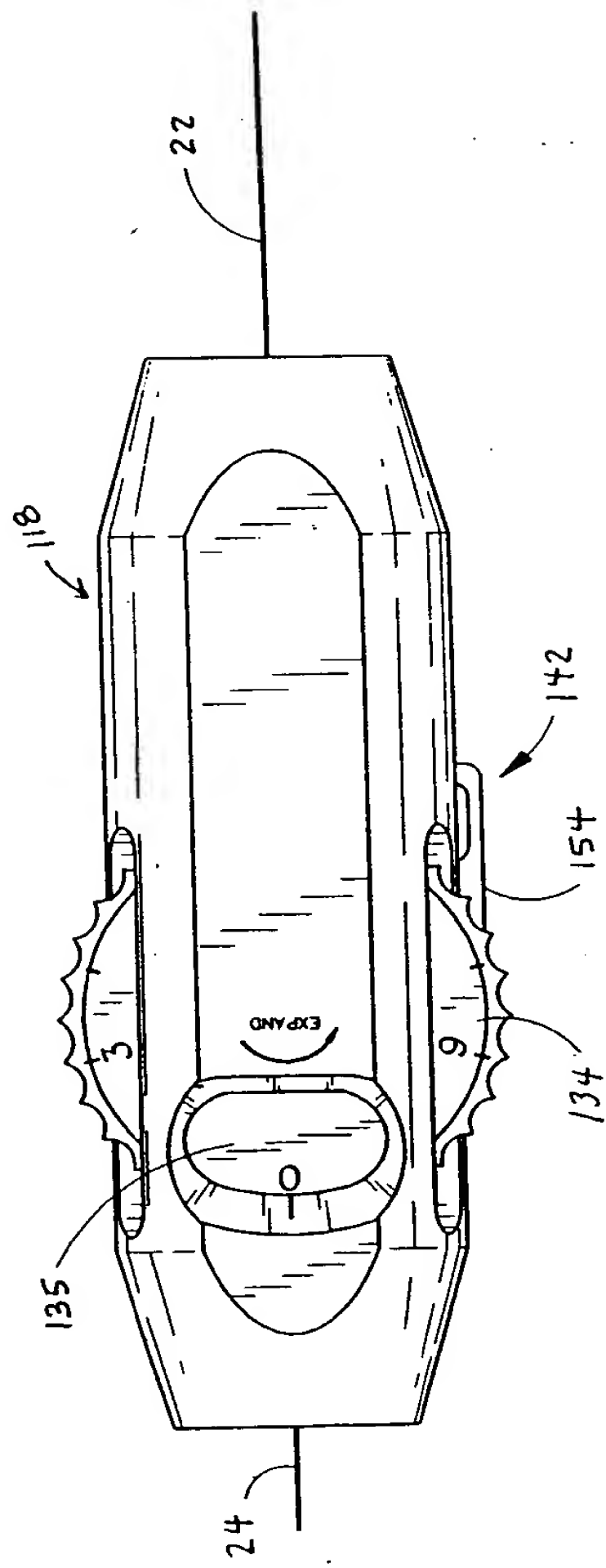


FIG. 8A

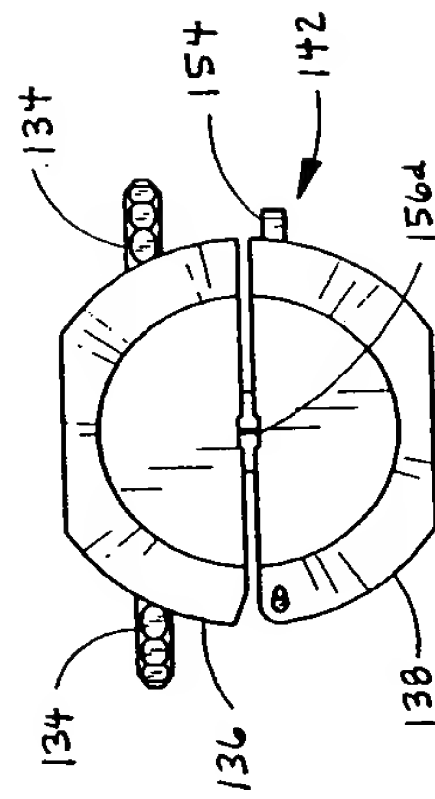


FIG. 8B

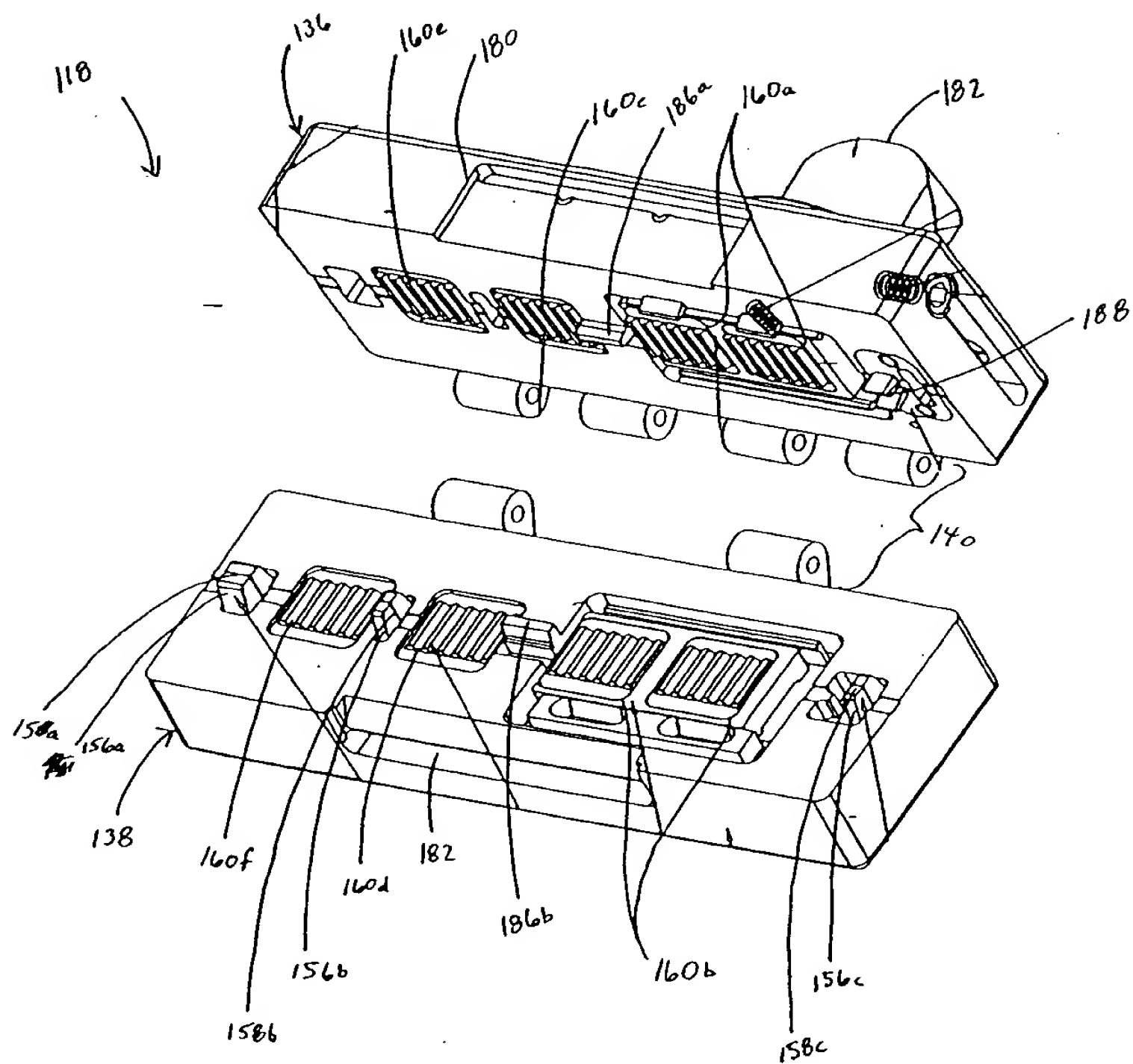


FIG. 9

FIG. 10 is a cross-sectional view of a device 100 in a first state. The device 100 includes a housing 101, a spring 102, a plunger 103, and a piston 104. The plunger 103 is positioned within the housing 101 and is connected to the piston 104. The spring 102 is positioned between the plunger 103 and the piston 104. The piston 104 is positioned within the housing 101 and is connected to the plunger 103. The device 100 is shown in a first state where the plunger 103 is in a retracted position and the piston 104 is in an extended position.

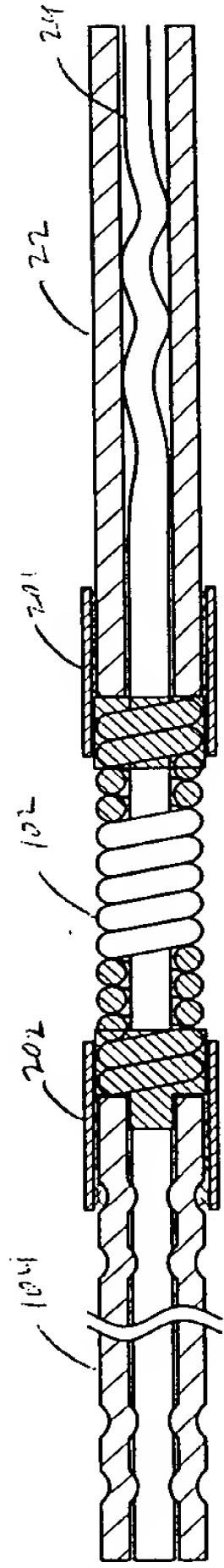


Fig. 10

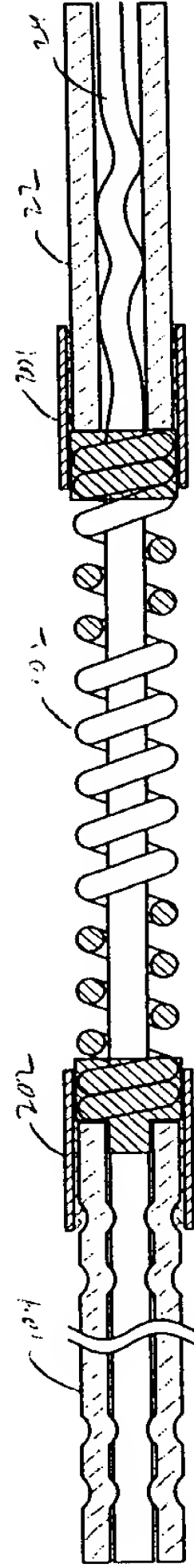


Fig. 11

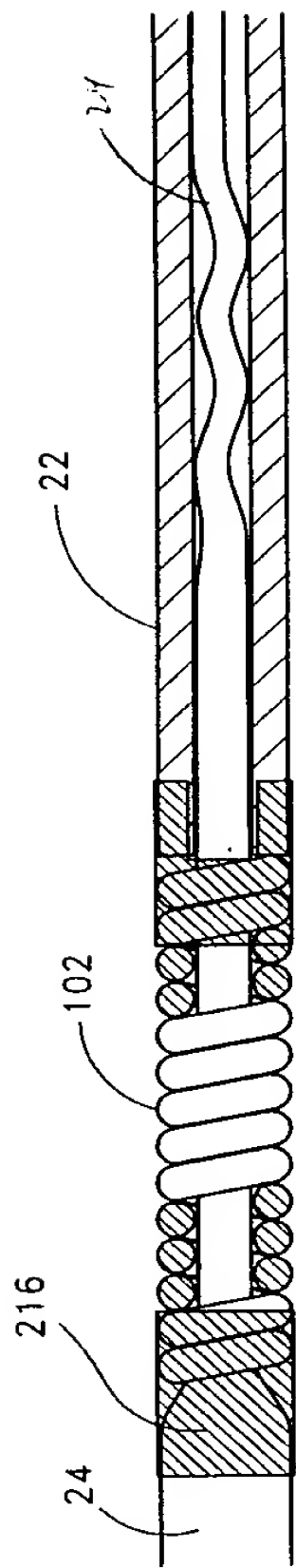


Fig. 12

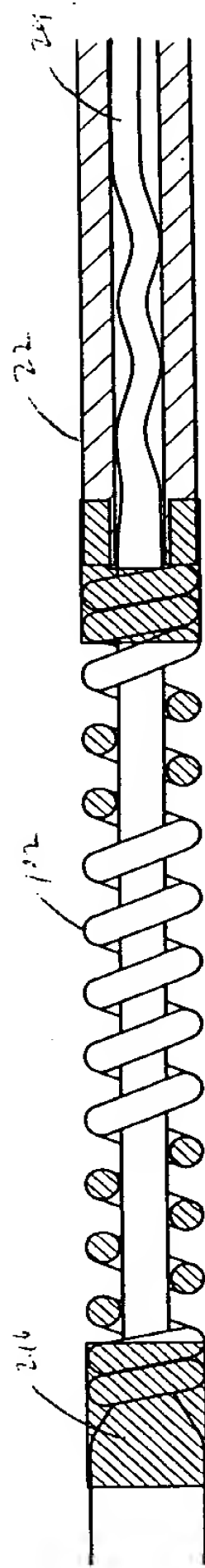


Fig. 13

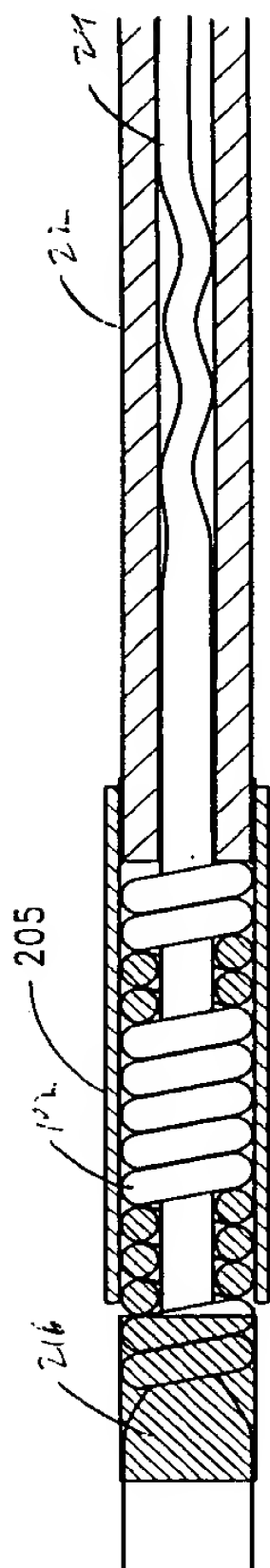


Fig. 14

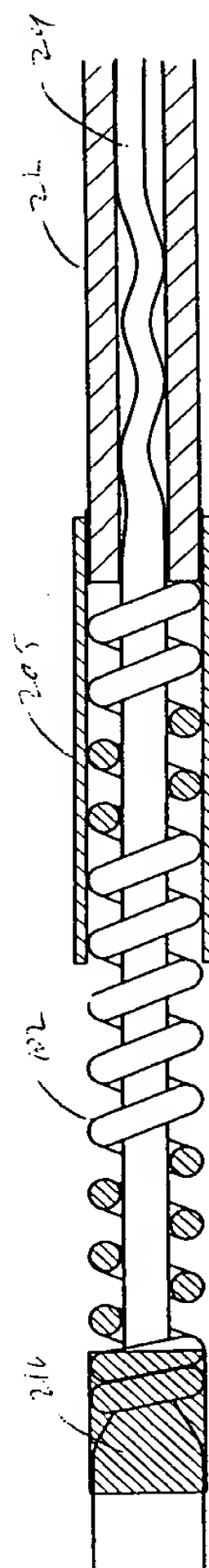


Fig. 15

FIG. 16

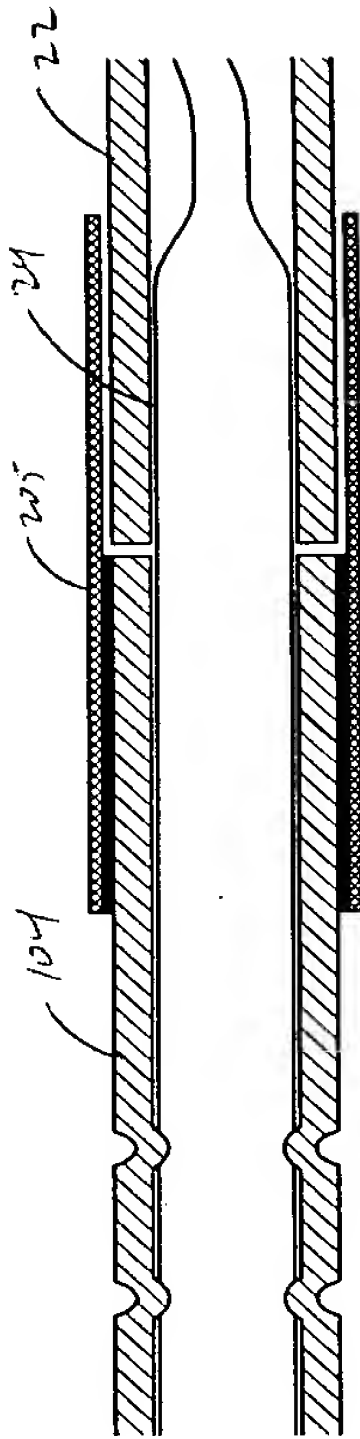


Fig. 16

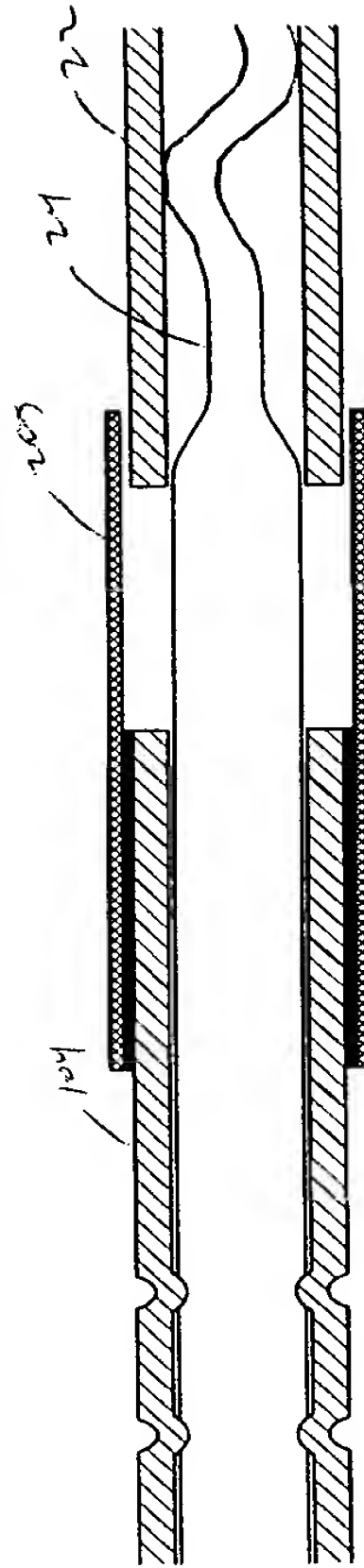


Fig. 17

This diagram shows a cross-sectional view of a semiconductor device. A central channel region is defined by a series of vertical lines. On either side of this channel are regions with diagonal hatching. A layer labeled 22 is positioned above the channel. A layer labeled 24 is located on the left side, adjacent to the channel. A layer labeled 26 is on the right side, also adjacent to the channel. A layer labeled 28 is at the bottom, beneath the channel and side regions. A layer labeled 30 is on the far left, beneath the hatched region. A layer labeled 32 is on the far right, beneath the hatched region. A layer labeled 34 is at the bottom, beneath the channel and side regions. A layer labeled 36 is on the left side, beneath the channel. A layer labeled 38 is on the right side, beneath the channel. A layer labeled 40 is at the bottom, beneath the channel and side regions. A layer labeled 42 is on the left side, beneath the channel. A layer labeled 44 is on the right side, beneath the channel. A layer labeled 46 is at the bottom, beneath the channel and side regions. A layer labeled 48 is on the left side, beneath the channel. A layer labeled 50 is on the right side, beneath the channel. A layer labeled 52 is at the bottom, beneath the channel and side regions. A layer labeled 54 is on the left side, beneath the channel. A layer labeled 56 is on the right side, beneath the channel. A layer labeled 58 is at the bottom, beneath the channel and side regions. A layer labeled 60 is on the left side, beneath the channel. A layer labeled 62 is on the right side, beneath the channel. A layer labeled 64 is at the bottom, beneath the channel and side regions. A layer labeled 66 is on the left side, beneath the channel. A layer labeled 68 is on the right side, beneath the channel. A layer labeled 70 is at the bottom, beneath the channel and side regions. A layer labeled 72 is on the left side, beneath the channel. A layer labeled 74 is on the right side, beneath the channel. A layer labeled 76 is at the bottom, beneath the channel and side regions. A layer labeled 78 is on the left side, beneath the channel. A layer labeled 80 is on the right side, beneath the channel. A layer labeled 82 is at the bottom, beneath the channel and side regions. A layer labeled 84 is on the left side, beneath the channel. A layer labeled 86 is on the right side, beneath the channel. A layer labeled 88 is at the bottom, beneath the channel and side regions. A layer labeled 90 is on the left side, beneath the channel. A layer labeled 92 is on the right side, beneath the channel. A layer labeled 94 is at the bottom, beneath the channel and side regions. A layer labeled 96 is on the left side, beneath the channel. A layer labeled 98 is on the right side, beneath the channel. A layer labeled 100 is at the bottom, beneath the channel and side regions.

Fig. 18

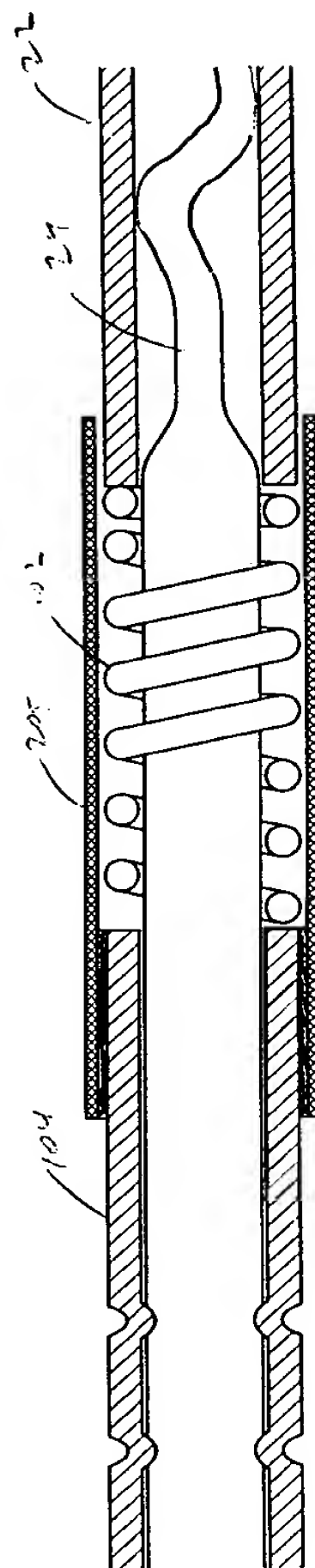


Fig. 19

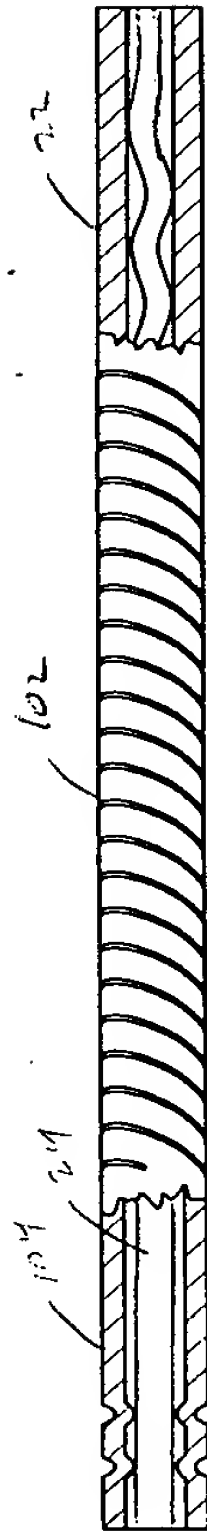


Fig. 20

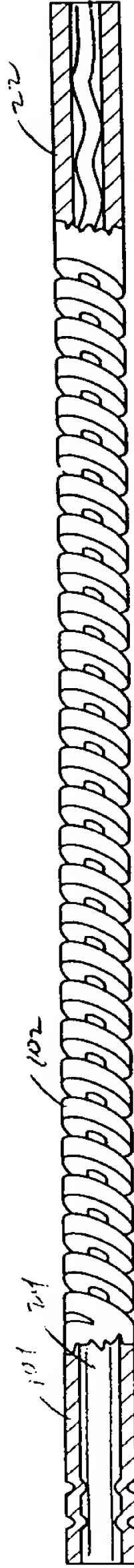


Fig. 21

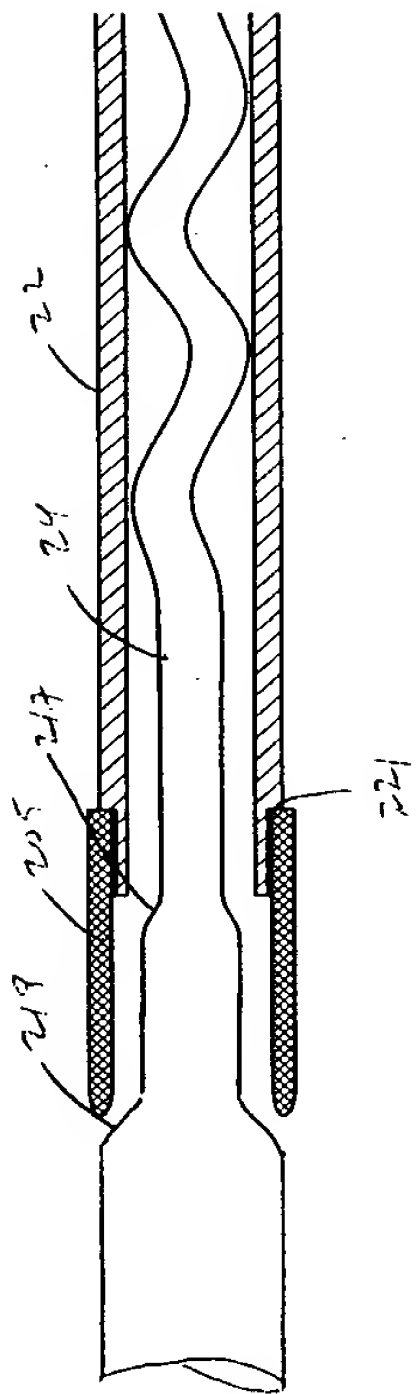


Fig. 22

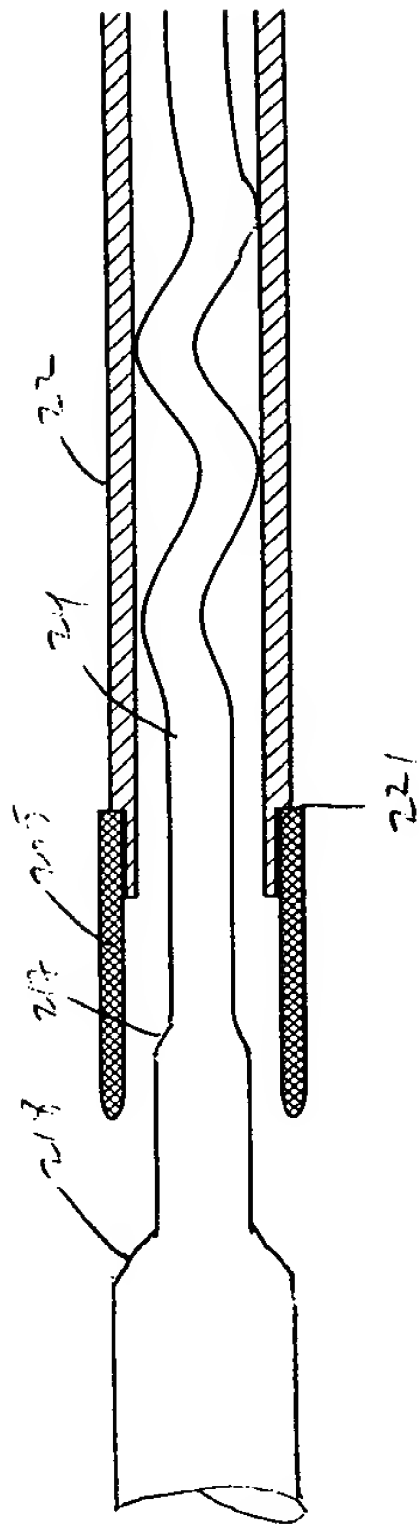


Fig. 23

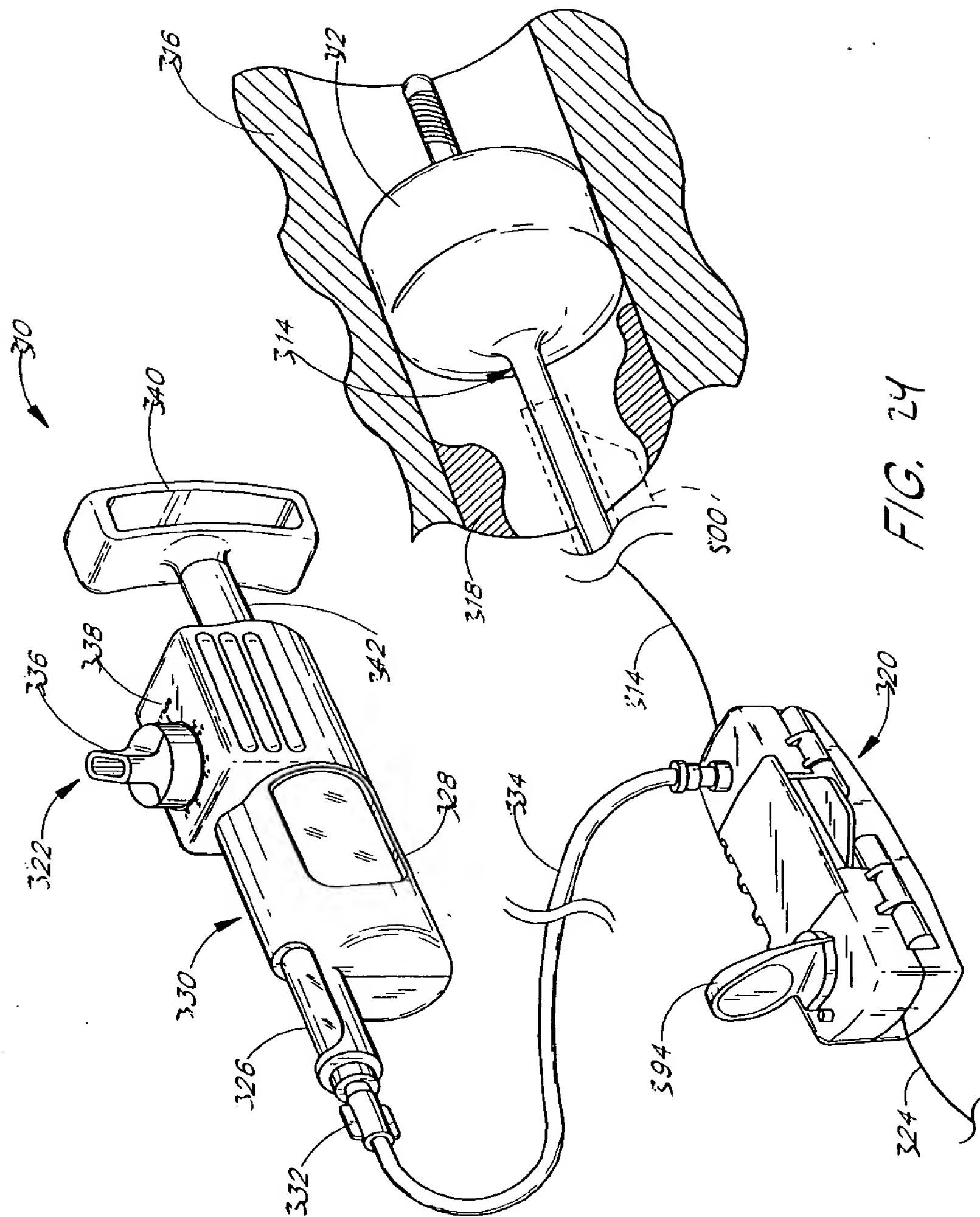


FIG. 24

FIG. 25A

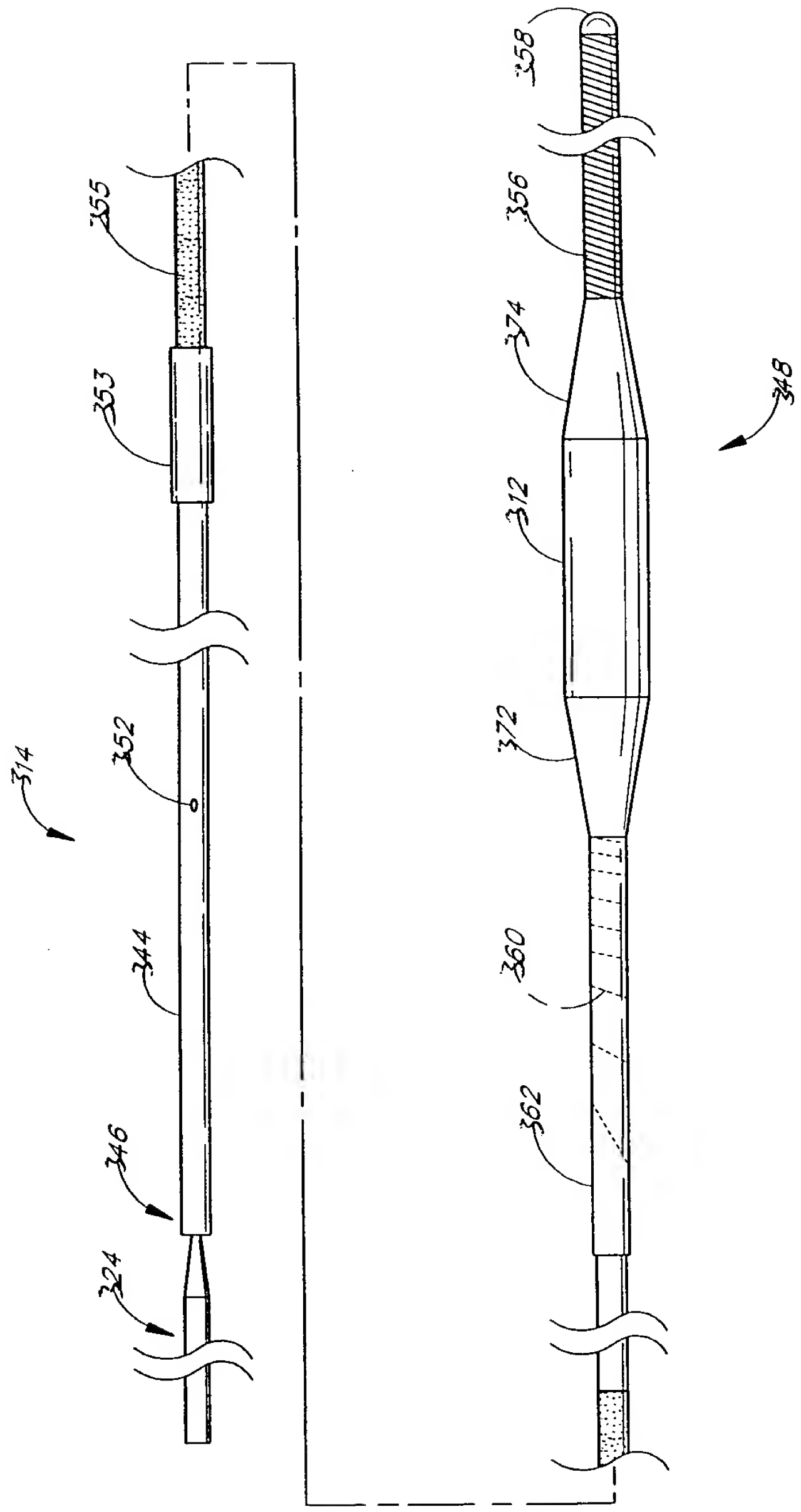


FIG. 25A



FIG. 25B

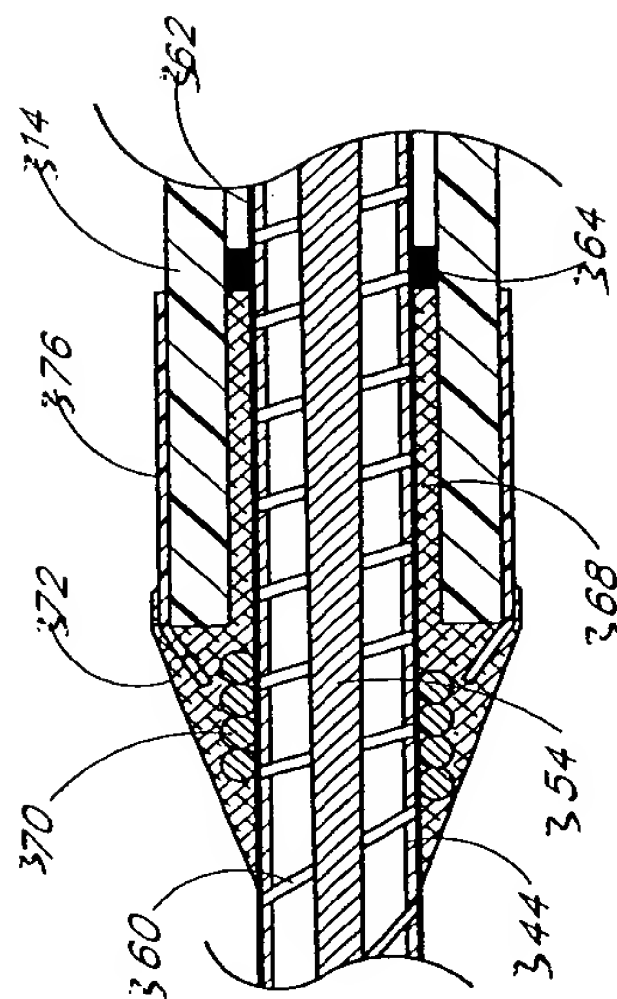


FIG. 25C

1. A method of measuring a patient's heart rate, comprising:
 2. providing a patient with a heart rate monitor;
 3. measuring a patient's heart rate using the heart rate monitor;
 4. displaying the heart rate on a display;
 5. wherein the heart rate monitor is a wrist-worn device.

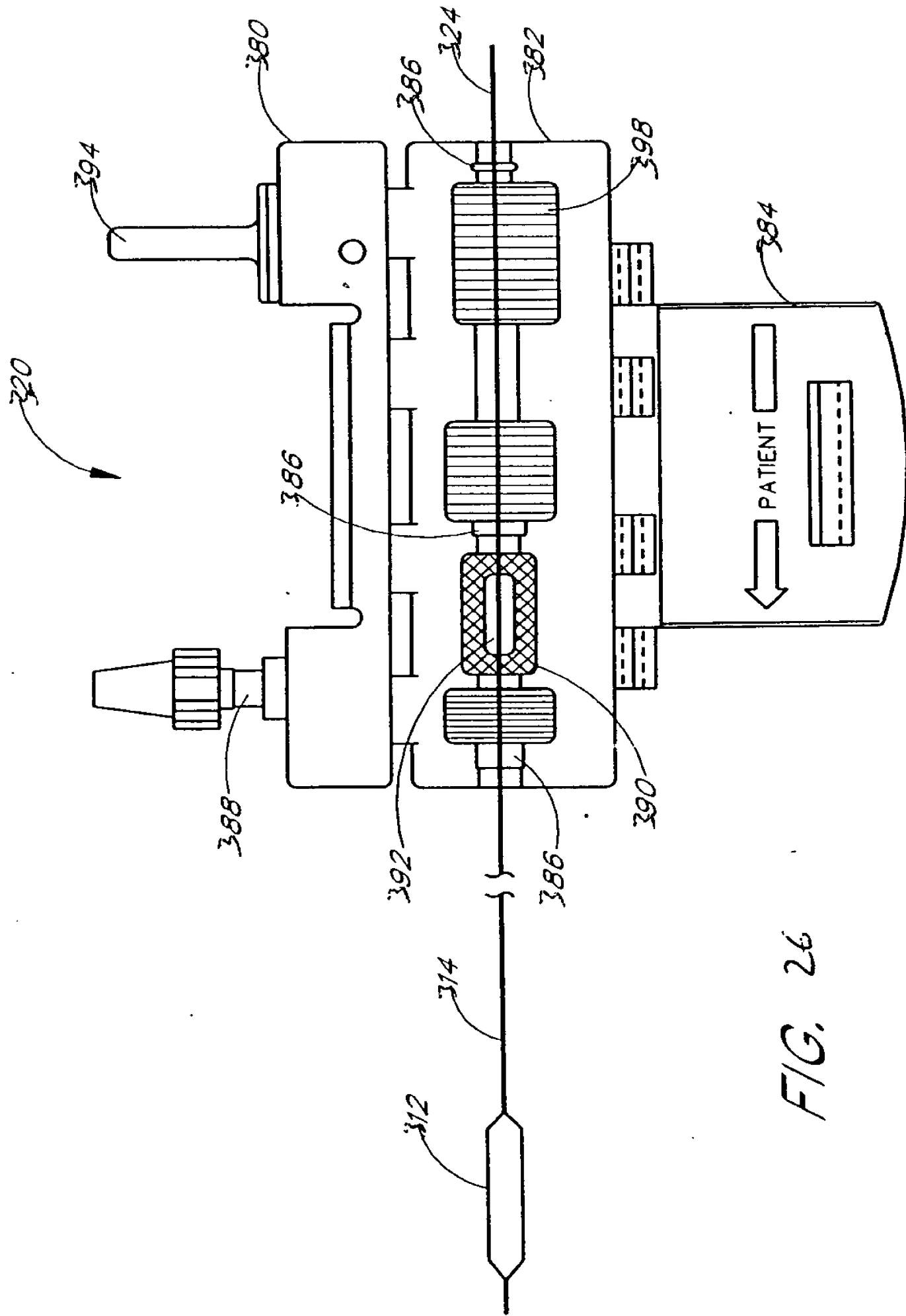


FIG. 26

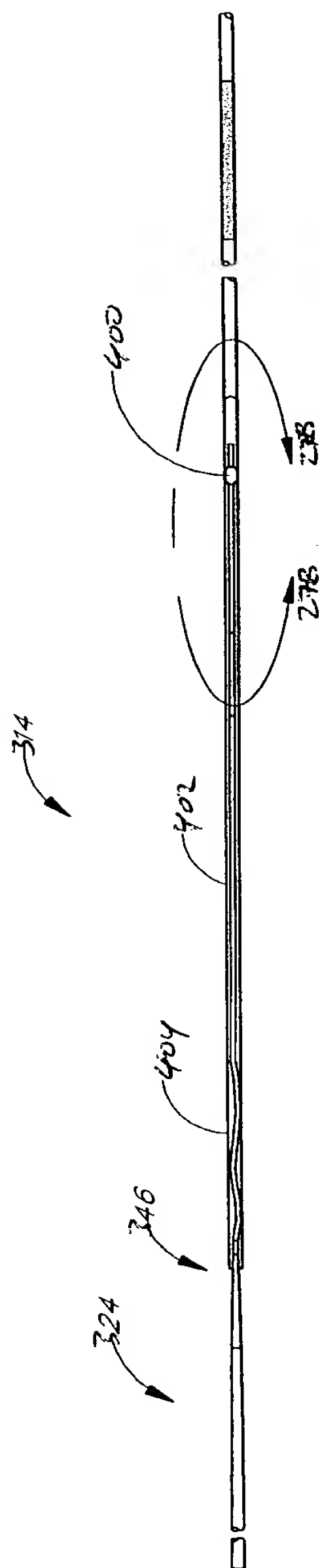


FIG. 27A

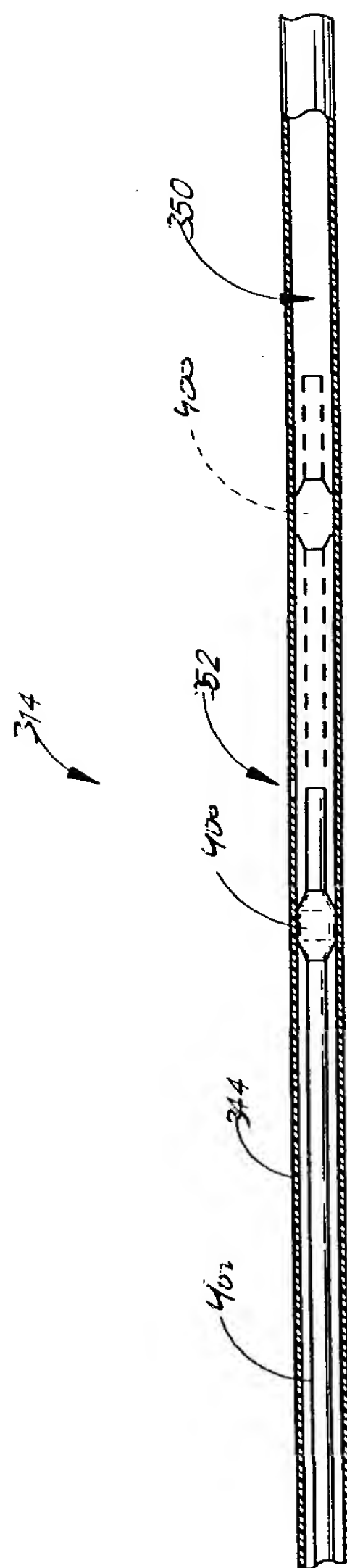


FIG. 27B

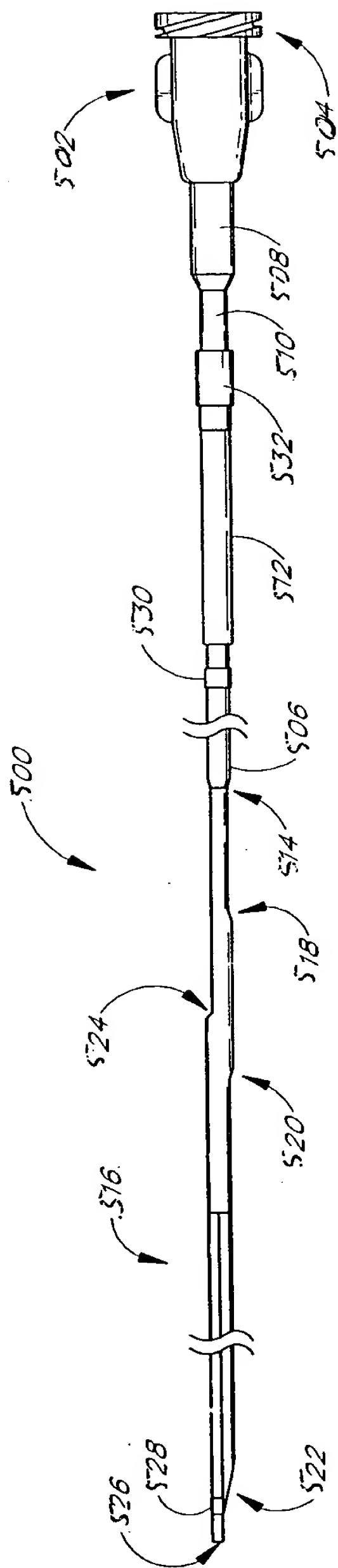


FIG. 28

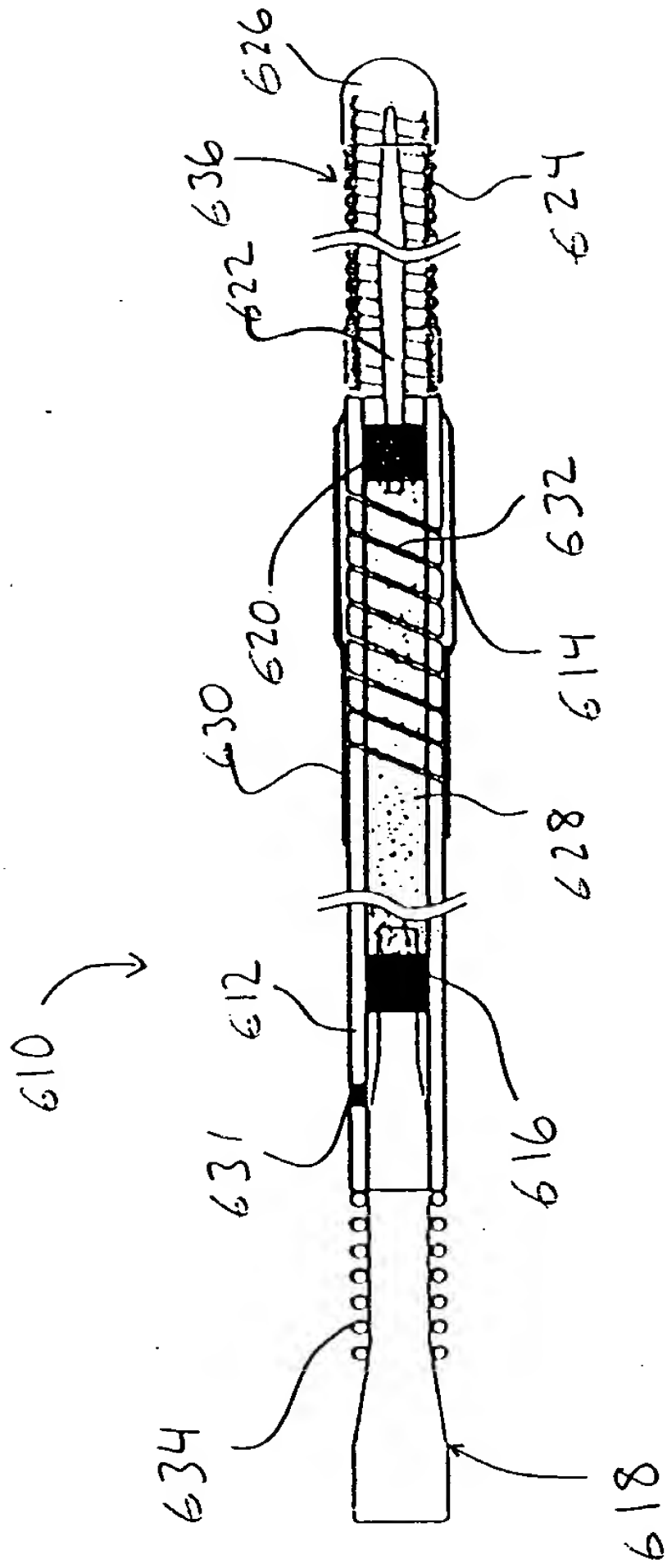


FIG. 29